

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD1601	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 1601 Twitchell	A	2.47				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
No Items					PO Miles	CO Miles
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet
Fall 2011 Levee Inspection Results****Reclamation District No. 1601 Twitchell**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 1601 Twitchell

Waterway			Bank	Unit Miles
Unit No. 01 Threemile Slough			Left	2.47

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/29/2011 - 3/29/2011		10/10/2011 - 10/10/2011	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1601 Twitchell

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector		
Unit No. 01 Threemile Slough				Left	2.47	10/10/2011 10/10/2011	Richard Willoughby		

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	2.47	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	°	°	1
								°	°	Y
2	0.10	1.31	Earthen Levee	Crown Surface / Depressions / Rutting	CR	W	Regrade the crown roadway for proper drainage.	38.120883 °	38.104085 °	5
								-121.682775 °	-121.683898 °	Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1601 Twitchell

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Left	2.47	10/10/2011 10/10/2011	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	2.47
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking south at typical view of levee

richard_f_20111014_597.jpg



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	2.47
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking north at typical view of levee.

richard_f_20111014_598.jpg



Levee Mile Report Line	2
Start Levee Mile	0.10
End Levee Mile	1.31
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

Looking north at holes on levee crown.

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*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1601 Twitchell

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Left	2.47	10/10/2011 10/10/2011	Richard Willoughby

Levee Mile Report Line	2
Start Levee Mile	0.10
End Levee Mile	1.31
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Looking south at crown surface rutting.	
richard_f_20110922_554.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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